



U.S. Appl. Serial No.:09/393,803
Merck Case No.:19188PCA
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R E M A R K S

In response to the Notice to Comply regarding Sequence Listings, Applicants respectfully submit a new paper and computer readable copy of the sequence listing, with appropriate statements under 37 C.F.R. §1.821(f).

The specification has been amended for entry of the new sequence listing as well as correcting an editorial oversight at page 77.

Figure 6E, 7E and 11D have been amended to include the appropriate sequence identifier.

Applicants respectfully take the position that no new matter is added by these amendments to both the specification and drawings.

Applicants respectfully reiterate that the continuing data for this application, as entered in the Amendment mailed 12 April 2002, should read as follows:

This application is a continuation of U.S. application serial no. 08/702,502, which is the §371 U.S. national phase prosecution of PCT international application serial no. PCT/US95/02633, filed March 3, 1995, now abandoned, which is a continuation-in-part of U.S. application serial no. 207,526, filed March 7, 1994, now abandoned.

Respectfully submitted,

Date: February 12, 2004

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Appln. No. 09/393,803
Amendment dated Feb 12, 2004
Reply to Office Action of Jan. 16, 2004
Annotated Sheet Showing Changes

4001 ACCGGCCAC ATAGCAGAAC TTTAAAATG CTCATCATTC GAAAACGTT
4051 TTGGGGCGA AACTCTCAA GGATCTTACC GCTGTTGACA TCCAGTTCGA
4101 TGTAACCCAC TCGTGCACCC AACTGATCTT CAGCATCTT TACTTCACC
4151 AGCGTTCTG GGTGAGCAAA AACAGGAAGG CAAAATGCCG CAAAAAAAGGG
4201 AATAACGGCG ACACGGAAAT GTTGAATACT CATACTCTTC CTTTTCAAT
4251 ATTATTGAAG CATTATCAC CGTTATTGTC TCATGAGCGG ATACATATT
4301 GAATGTATT AGAAAAATAA ACAAAATAGGG GTTCCCCCGA CATTCCCCG
4351 AAAAGTGCCA CCTGACGTCT AAGAAACCAT TATTATCATG ACATTAACCT
4401 ATAAAAATAG CGTATCACCG AGGCCCTTC GTC

(SEQ ID NO: 12)

ADD
SEQUENCE
IDENTIFIER

FIG. 6E



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Annotated Sheet Showing Changes

4151 CAAACAGGAA TCGAATGCCA CCGGCGCAGG AACACTGCCA GCGCATCAAC
4201 AATATTTCAG CCTGAATCAG GATATTCTTC TAATACCTGG AATGCTGTTT
4251 TCCCGGGAT CGCAGTCGTG ACTAACCATG CATCATCAGG ACTACGGATA
4301 AAATGCTTGA TGGTCGGAAG AGGCATAAAT TCCGTCAGCC AGTTTAGTCT
4351 GACCACCTCA TCTCTAACAT CATTGCCAAC GCTACCTTTC CCATGTTCA
4401 GAAACAACTC TGGCCCATCG GGCTTCCCAT ACAATCGATA GATTGTCGCA
4451 CCTGATTGCC CGACATTATC GCGAGCCCAT TTATACCCAT ATAAATCAGC
4501 ATCCATGTTG GAATTTAACAT GCGGCCTCGA GCAAGACGTT TCCC GTGAA
4551 TATGGCTCAT AACACCCCTT GTATTACTGT TTATGTAAGC AGACAGTTT
4601 ATTGTTCATG ATGATATATT TTTATCTTGT GCAATGTAAC ATCAGAGATT
4651 TTGAGACACA ACCTGGCTTT CCCCCCCCCC CCATTATTGA ACCATTTATC
4701 AGGGTTATTG TCTCATGAGC GGATACATAT TTGAATGTAT TTAGAAAAAT
4751 AAACAAATAG GGGTTCCCGG CACATTCGG CGAAAAGTGC CACCTGACCT
4801 CTAAGAAACC ATTATTATCA TGACATTAAC CTATAAAAAT AGGGTATCA
4851 CGAGCCCCCTT TCGTC (SEQ ID NO:14)

ADD
SEQUENCE
IDENTIFIEE

FIG.7E



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4201 AATATTTCA CCTGAATCAG GATATTCTTC TAATACCTGG AATCCTGTTT
4251 TCCCCGGGAT CGCAGTGGTG AGTAACCATG CATCATCAGG AGTACCGATA
4301 AAATGCTTCA TGGTCGGAAC AGGCATAAAAT TCCGTCAGCC AGTTTACTCT
4351 GACCATCTCA TCTGTAACAT CATTGCCAAC GCTACCTTG CCATGTTTCA
4401 GAAACAACTC TGGCGCATCG GGCTTCCCCT ACAATCCATA GATTGTCGCA
4451 CCTGATTGCC CGACATTATC GCGAGCCCCAT TTATACCCAT ATAAATCAGC
4501 ATCCATGTTG GAATTTAACAT GCGGCCTCGA GCAAGACGTT TCCCGTTGAA
4551 TATGGCTCAT AACACCCCTT CTATTACTGT TTATGTAAGC AGACAGTTT
4601 ATTGTTCATG ATGATATATT TTTATCTTGT GCAATGTAAC ATCAGAGATT
4651 TTGAGACACA ACGTGGCTTT CC (SEQ ID NO:100)

ADD
SEQUENCE
IDENTIFIER

FIG.11D